

IN THE CLAIMS:

1-18. (Cancelled)

19. (Previously Presented) An interfacing method for processing data between a telephone switching system and an adjunct processor and for translating data message protocol comprising the steps of:

providing interface hardware including first and second connectors for connecting the interface to the telephone switching system and a third connector for connecting the interface to the adjunct processor;

transmitting the data messages between the telephone switching system and the adjunct processor using at least two transmission links in an alternating fashion;

grouping the data messages in a first protocol into data message sets;

transmitting a first data message set from the telephone switching system through a first port to a first device driver algorithm;

transmitting a second data message set from the telephone switching system through a second port to a second device driver algorithm;

transmitting the first data message set from the first device driver algorithm to a first protocol stack algorithm;

transmitting the second data message set from said second device driver algorithm to a second protocol stack algorithm;

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transmitting the first data message set from said first protocol stack algorithm to a splitting task algorithm;

transmitting the second data message set from said second protocol stack algorithm to said splitting task algorithm;

splitting the first data message set and the second data message set into data message subsets;

transmitting the data message subsets an application task;

translating the data message subsets into said second protocol; and

transmitting the data message subsets to the adjunct processor.

20. (Original) A method as defined in claim 19, further comprising the steps of:

receiving the data message subsets from the adjunct processor;

translating the data message subsets from said second protocol to said first protocol;

combining the data messages subsets into data message sets;

transmitting a first data message set to said first protocol stack algorithm;

transmitting a second message set to said second protocol stack algorithm;

transmitting said first data message set to said first device driver algorithm;

transmitting said second data message set to said second device driver algorithm;

transmitting said first data message set to the telephone switching system; and

transmitting said second data message set to the telephone switching system.

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